IN THE CLAIMS

- 1-14. (cancelled)
- 15. A method of utilizing a β-hydroxyalkylamide having the general formula:

$$R_1$$
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2

wherein R_1 is H or a linear or branched C_1 to C_{10} alkyl and R_2 is a linear or branched C_1 to C_5 alkyl to cross-link the polymer.

2

16. The method according to claim 15 wherein the β-hydroxyalkylamide is made from a process comprising reacting a carboxylic acid derivative having the general Formula II:

II

where R_3 is halogen or OR_4 , whereby R_4 stands for a linear C_1 to C_5 alkyl, with an alkanol amine having the general Formula III:

$$R_2$$
 CH_2
 CH_2
 CH_2
 CH_2
 CH_2
 R_2

III

and where R_1 and R_2 are defined as indicated above.

17. The method according to claim 15, comprising mixing the β-hydroxyalkylamide with additional β-hydroxyalkylamides and/or epoxies as cross-linkers.